



BIOGRAPHY

UNITED STATES AIR FORCE

Ricky L. Peters



Ricky L. Peters is the Executive Director, Arnold Engineering Development Center, Air Force Materiel Command, Arnold Air Force Base, Tennessee. He assists the Center Commander in overseeing the operation of the largest and most advanced complex of flight simulation test facilities in the world. The Center's test complex, worth more than \$7.8 billion, is comprised of 58 aerospace test facilities located at Arnold Air Force Base, as well as the geographically-separated Hypervelocity Tunnel 9 at White Oak in Silver Spring, Maryland, and the National Full-scale Aerodynamics Complex at Moffett Field, Calif. These test facilities simulate flight from subsonic to hypersonic speeds and at altitudes from sea level to space. All NASA manned spacecraft and every high performance aircraft, missile, space launch system and most military satellites in use by the Department of Defense have been tested in the Center's facilities.

Mr. Peters has served in numerous leadership positions to include the Air Force Research Laboratory, Aeronautical Systems Center, and Air Force Materiel Command all at Wright-Patterson Air Force Base, Ohio. He began his career as an aircraft survivability test engineer followed by assignments in laser hardened materials, modeling and simulation and aeronautical sciences research. He has led teams investigating future aircraft concepts, inlet and propulsion integration and computational fluid dynamics. Mr. Peters also led a program for the Federal Aviation Administration to determine the quantity of explosives required to bring down a commercial aircraft. He has a strong background in civilian personnel and was instrumental in developing the Laboratory Personnel Demonstration Project. In his most recent assignment, he led a team to develop the Air Force Integrated Collaborative Environment (or AF-ICE); a distributed modeling and simulation capability for development and test.

EDUCATION

- 1981 Associate's degree in Mechanical Engineering, Sinclair Community College
- 1984 Bachelor's degree in Systems Engineering, Wright State University
- 1988 Master's degree in Mechanical Engineering, University of Dayton
- 1989 Air Command and Staff College in Seminar
- 2002 National Security Management Fellow, Syracuse University
- 2003 Federal Executive Institute, Charlottesville, Va.
- 2003 USAF Senior Leadership Course, Center for Creative Leadership
- 2006 Air War College in Seminar

CAREER CHRONOLOGY:

1. February 1980 – November 1987, Aircraft Survivability Engineer, Test and Evaluation Group, Flight Dynamics Directorate, Wright Laboratory, Wright-Patterson AFB Ohio
2. December 1987 – March 1989, Plans Engineer, Plans and Programs Branch, Flight Dynamics Directorate, Wright Laboratory, Wright-Patterson AFB Ohio
3. April 1989 – September 1990, Supervisory Aerospace Engineer, Survivability Assessment Group, Flight Dynamics Directorate, Wright Laboratory, Wright-Patterson AFB Ohio
4. September 1990 – June 1992, Program Manager, FAA Commercial Aircraft Hardening, Flight Dynamics Directorate, Wright Laboratory, Wright-Patterson AFB Ohio
5. July 1992 – September 1994, Supervisory Aerospace Engineer, Survivability Technology Section, Flight Dynamics Directorate, Wright Laboratory, Wright-Patterson AFB Ohio
6. October 1994 – September 1995, Laboratory Personnel Demonstration Project Office, Science and Technology Directorate, AFMC, Wright-Patterson AFB Ohio
7. October 1995 – October 1996, Laboratory Personnel Demonstration Implementer, Wright Laboratory, Wright-Patterson AFB Ohio
8. November 1996 – December 1998, Advanced Development Manager for Laser Hardened Materials, Materials and Manufacturing Directorate, Air Force Research Laboratory, Wright-Patterson AFB Ohio
9. December 1998 – December 1999, Deputy Chief, Integration & Operations Division, Air Vehicles Directorate, AFRL, Wright-Patterson AFB Ohio
10. January 2000 – August 2001, Chief, Control Simulation and Assessment Branch, Air Vehicles Directorate, AFRL, Wright-Patterson AFB Ohio
11. September 2001 – May 2003, Chief, Aeronautical Sciences Division, Air Vehicles Directorate, AFRL, Wright-Patterson AFB Ohio
12. June 2003 – June 2004, Technical Director, Engineering and Technical Management Directorate, AFMC, Wright-Patterson AFB Ohio
13. July 2004 – November 2005, Chief, Modeling, Simulation, and Analysis Division, Capabilities Integration Directorate, AFMC, Wright Patterson AFB Ohio
14. December 2005 – July 2006, Chief, Modeling and Simulation Division, Capabilities Integration Directorate, Aeronautical Systems Center, Wright-Patterson AFB Ohio
15. August 2006 – Present, Executive Director, Arnold Engineering Development Center, Arnold AFB, Tenn.

AWARDS AND HONORS

- 1994 EPA Stratospheric Ozone Protection Award for Halon Replacement Research
1994 Flight Dynamics Directorate's In-House Engineering Award
1997 Vice President Gore's Hammer Award for Acquisition Reform
1996 Exemplary Civilian Service Award
2003 Exemplary Civilian Service Award
2006 Meritorious Civilian Service Award

PROFESSIONAL CERTIFICATIONS

Systems Planning, Research Development and Engineering, Level III